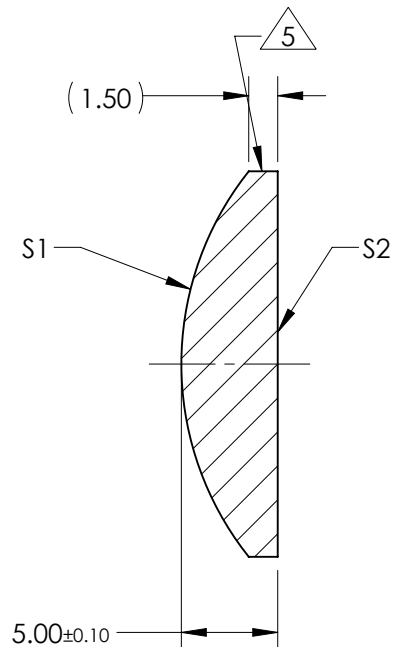
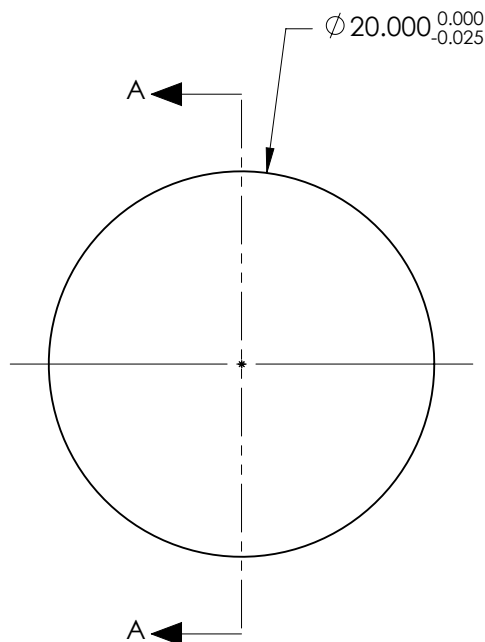


NOTES:

- SUBSTRATE:  
CORNING: FUSED SILICA 458/678
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: VIS-NIR  
R(ABS) ≤ 0.25% AT 880nm @ 0° AOI  
R(AVG) ≤ 1.25% FROM 400-870nm @ 0° AOI  
R(AVG) ≤ 1.25% FROM 890-1000nm @ 0° AOI
- FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- FOCAL LENGTH (EFL): 35.00mm±1%  
BACK FOCAL LENGTH (BFL): 31.58mm
- PROTECTIVE BEVEL AS NEEDED
- DESIGN WAVELENGTH: 587.6nm



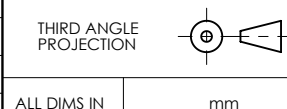
SECTION A-A

**FOR INFORMATION ONLY:**  
**DO NOT MANUFACTURE**  
**PARTS TO THIS DRAWING**

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	16.05	INFINITY
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 19.00	Ø 19.00
MIN COATING APERTURE	Ø 19.00	Ø 19.00
POWER AT 632.8nm	3.00 RINGS	3.00 RINGS
IRREGULARITY AT 632.8nm	0.50 RINGS	0.50 RINGS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

**EO**® **Edmund Optics**®



TITLE	20mm Dia. x 35mm FL VIS-NIR Coated, UV Plano-Convex Lens		
DWG NO	63801	SHEET 1 OF 1	